

TRIM71 Blocking Peptide
Catalog # PBV10096b**Specification**

TRIM71 Blocking Peptide - Product Information

Primary Accession	Q2O1W2
Gene ID	131405
Calculated MW	93385

TRIM71 Blocking Peptide - Additional Information**Gene ID** 131405**Application & Usage**

The peptide is used for blocking the antibody activity of TRIM71. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

E3 ubiquitin-protein ligase TRIM71, 6.3.2.-, Protein lin-41 homolog, Tripartite motif-containing protein 71, TRIM71, LIN41

Target/Specificity

TRIM71

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

TRIM71 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM71 Blocking Peptide - Protein Information**Name** TRIM71 ([HGNC:32669](#))**Synonyms** LIN41**Function**

E3 ubiquitin-protein ligase that cooperates with the microRNAs (miRNAs) machinery and promotes

embryonic stem cells proliferation and maintenance (Probable). Binds to miRNAs and associates with AGO2, participating in post-transcriptional repression of transcripts such as CDKN1A (By similarity). In addition, participates in post-transcriptional mRNA repression in a miRNA independent mechanism (PubMed:23125361). Facilitates the G1-S transition to promote rapid embryonic stem cell self-renewal by repressing CDKN1A expression. Required to maintain proliferation and prevent premature differentiation of neural progenitor cells during early neural development: positively regulates FGF signaling by controlling the stability of SHCBP1 (By similarity). Specific regulator of miRNA biogenesis. Binds to miRNA MIR29A hairpin and postranscriptionally modulates MIR29A levels, which indirectly regulates TET proteins expression (PubMed:28431233).

Cellular Location

Cytoplasm, P-body

Tissue Location

Specifically expressed in testis.

TRIM71 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIM71 Blocking Peptide - Images